

FIGURE 1  
(PRIOR ART)

DIRTY  
INODE  
LIST 210

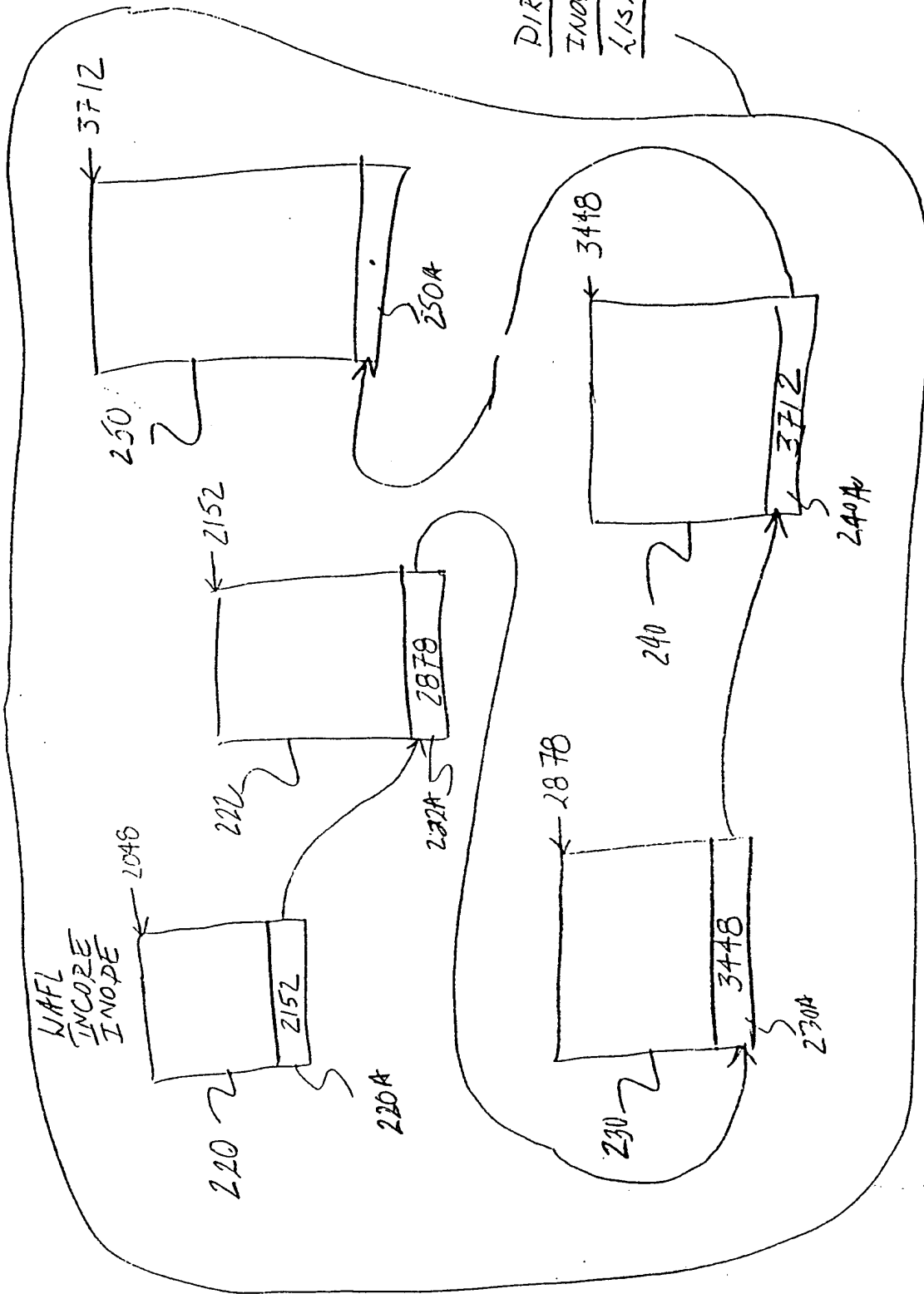


FIGURE 2

LEVEL 0  
INDEX

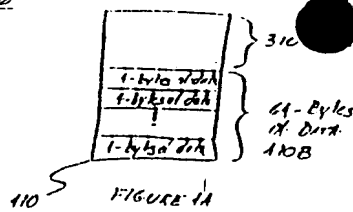


FIGURE 1A

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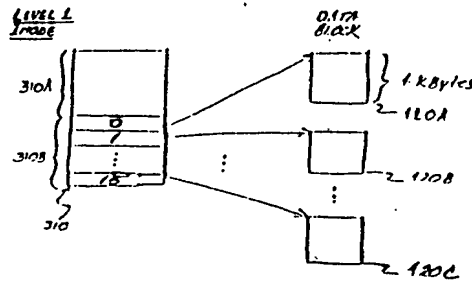


FIGURE 1B

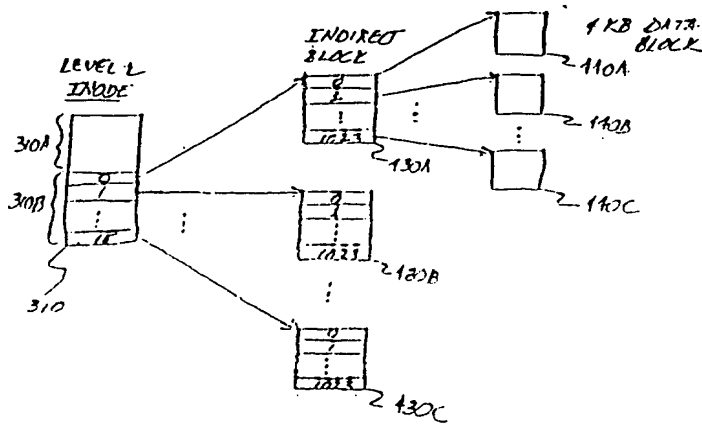


FIGURE 1C

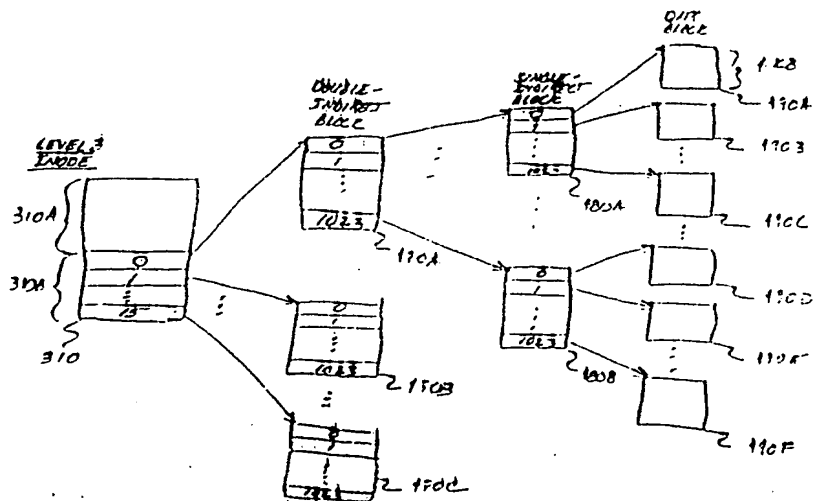


FIG. 1D

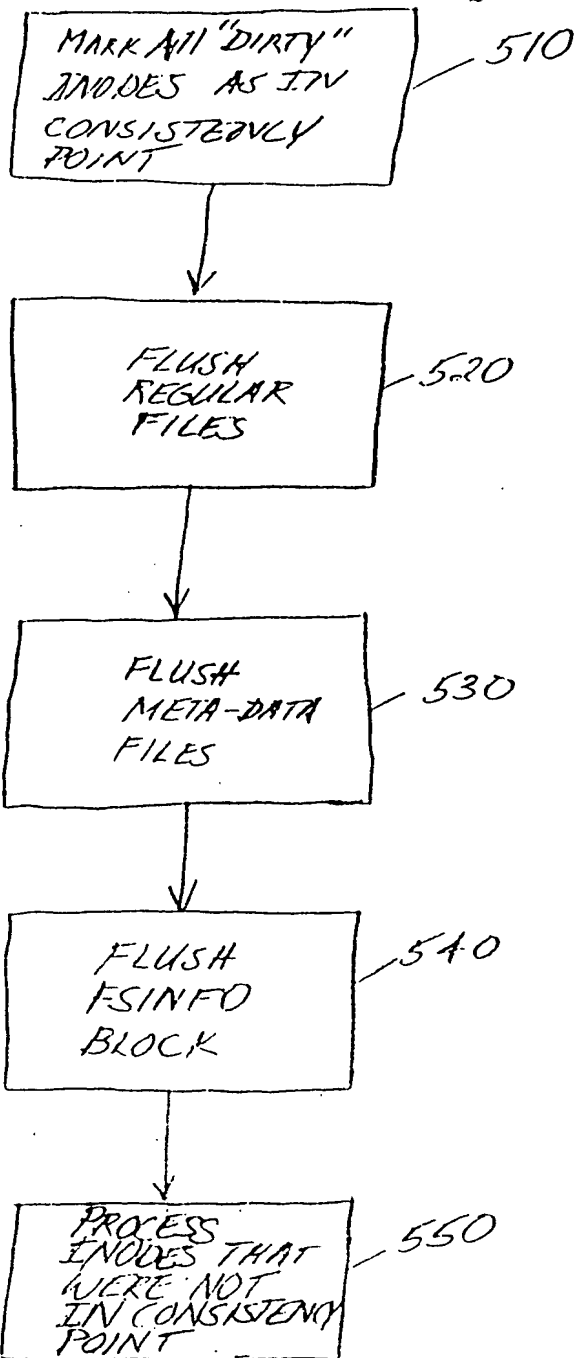


FIGURE 5

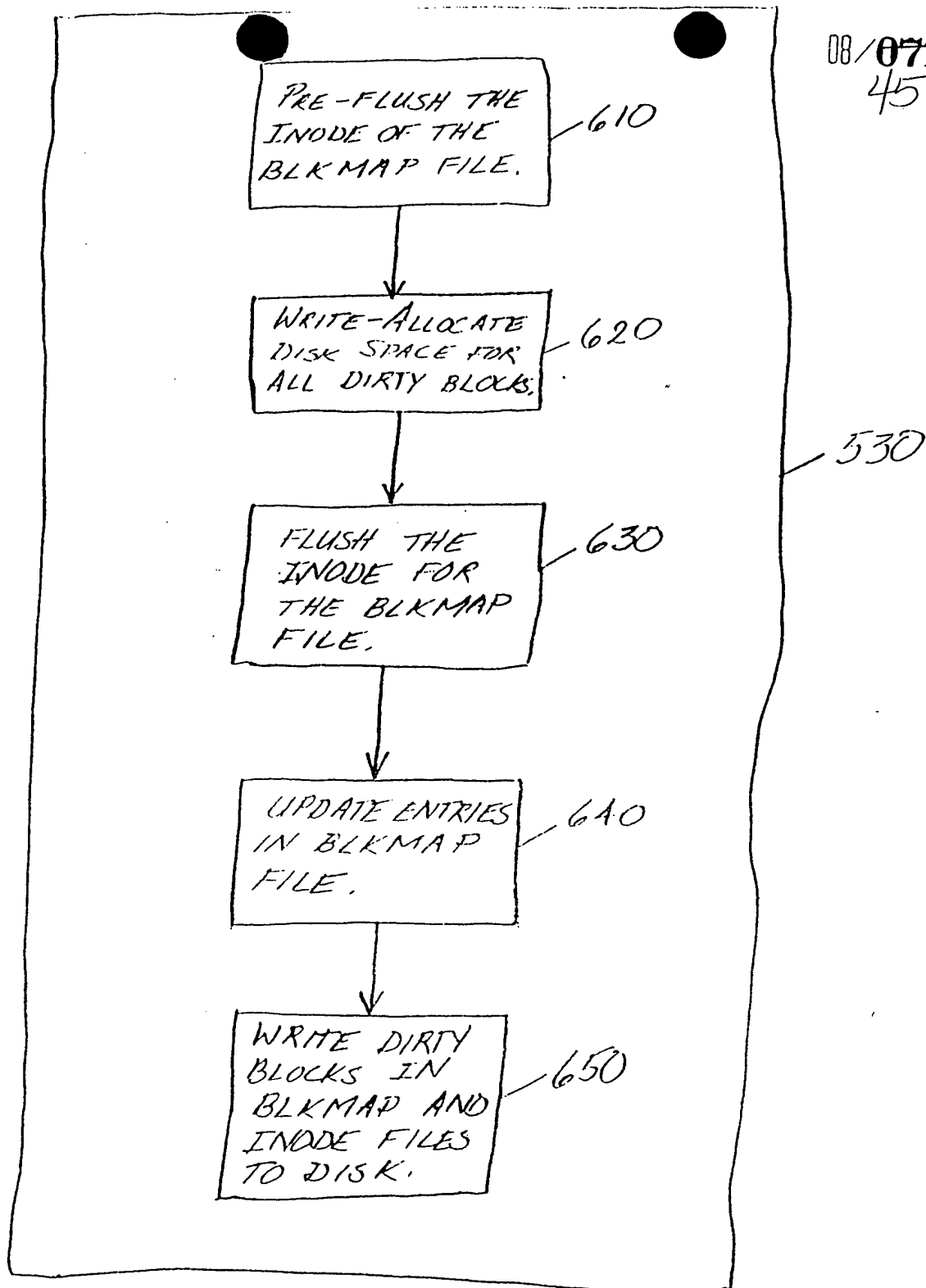


FIGURE 6

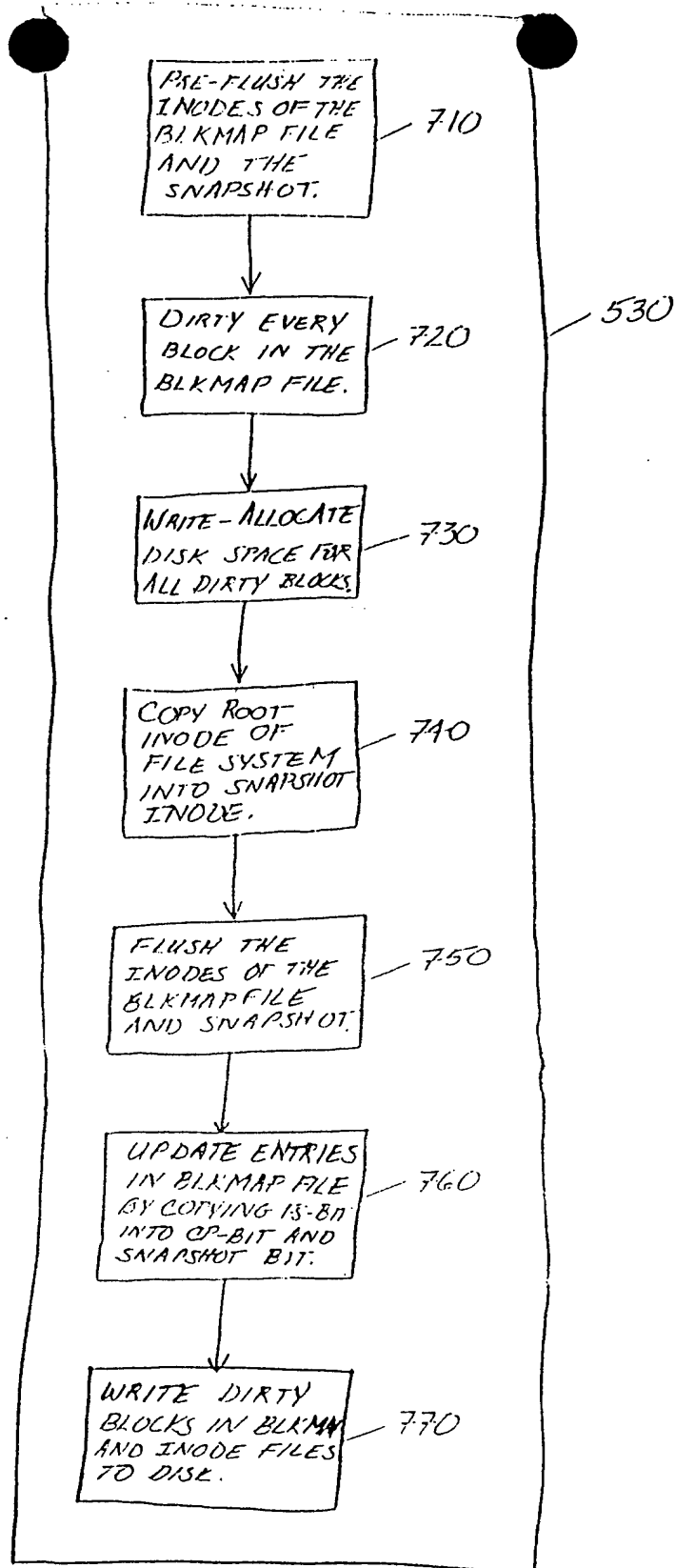


FIGURE 7

ON-DISK  
INODE

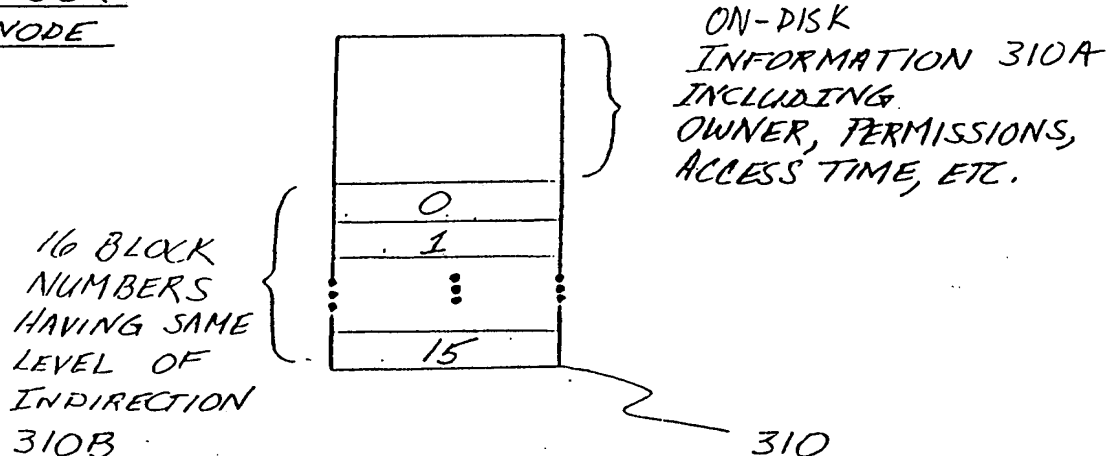


FIGURE 3

INCORE  
INODE

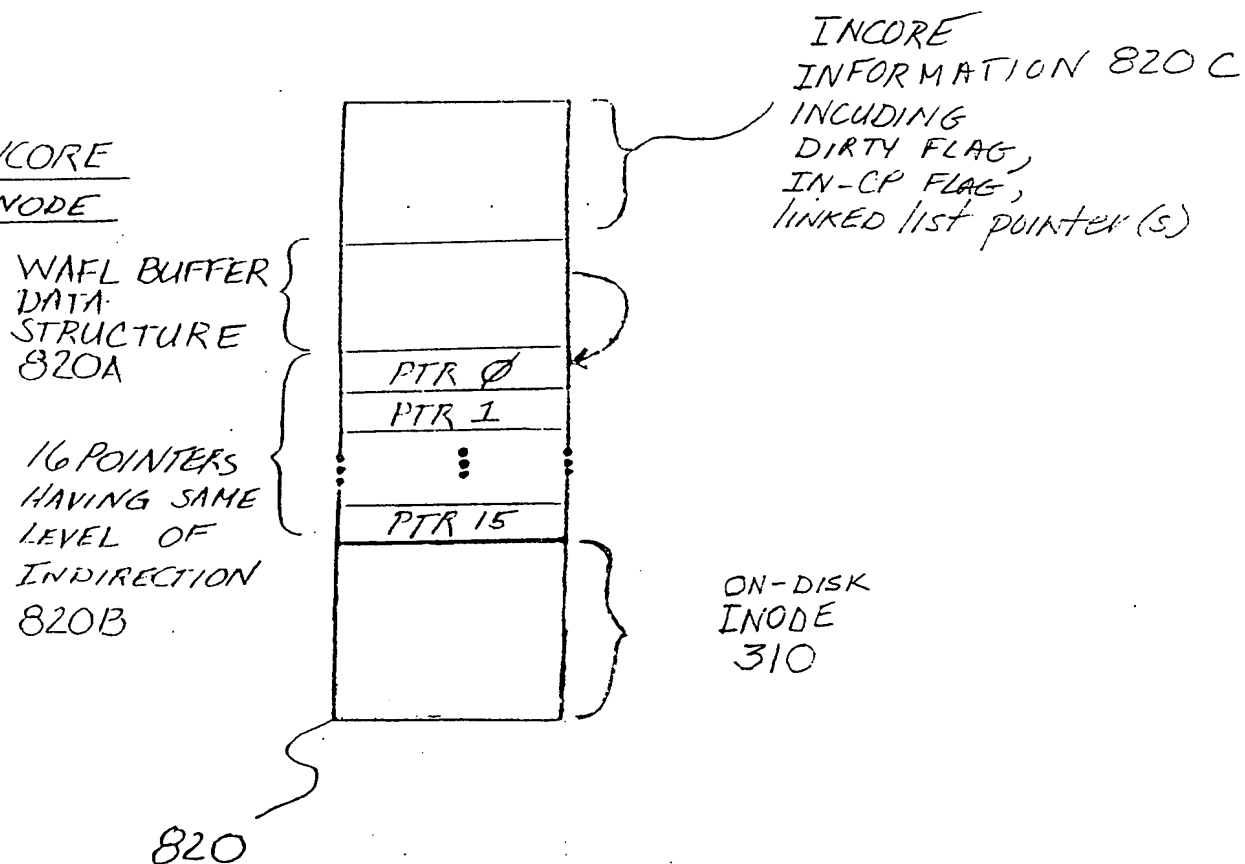


FIGURE 8

LEVEL 0  
D000

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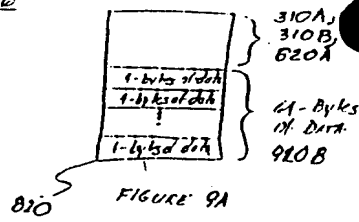


FIGURE 9A

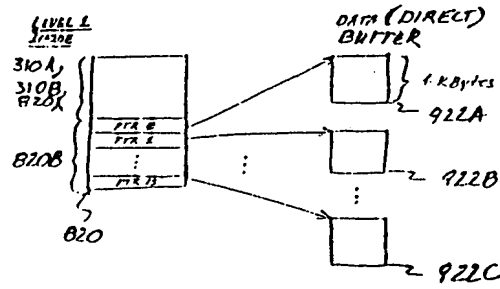


FIGURE 9B

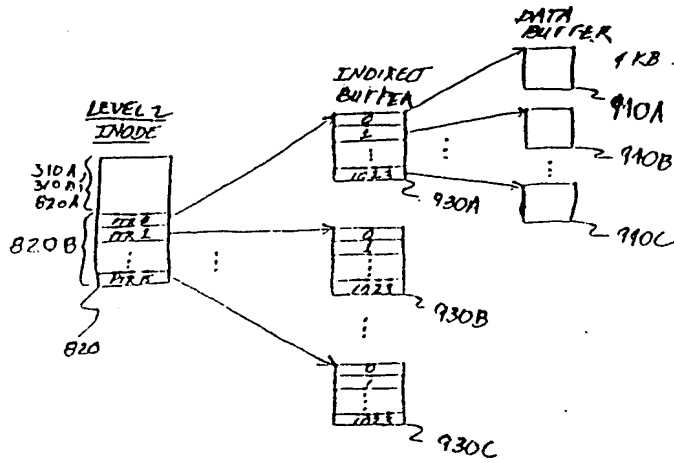


FIGURE 9C

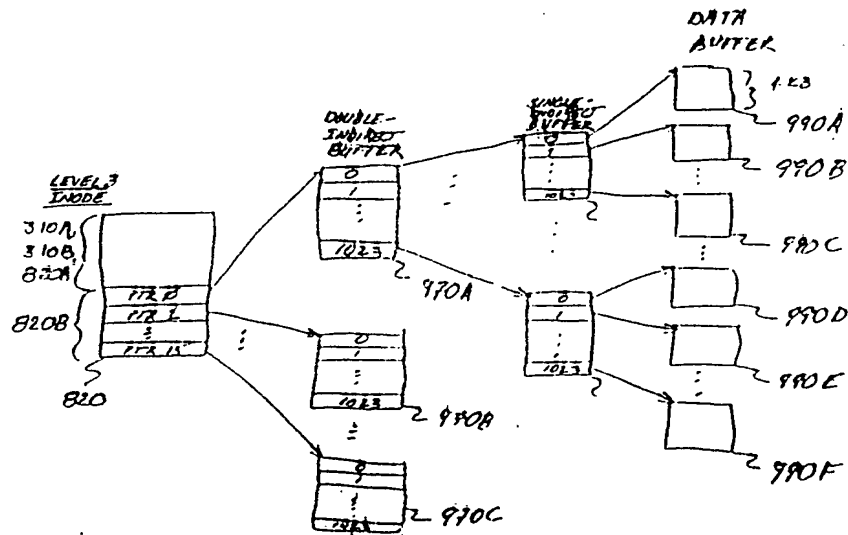


FIG. 9D



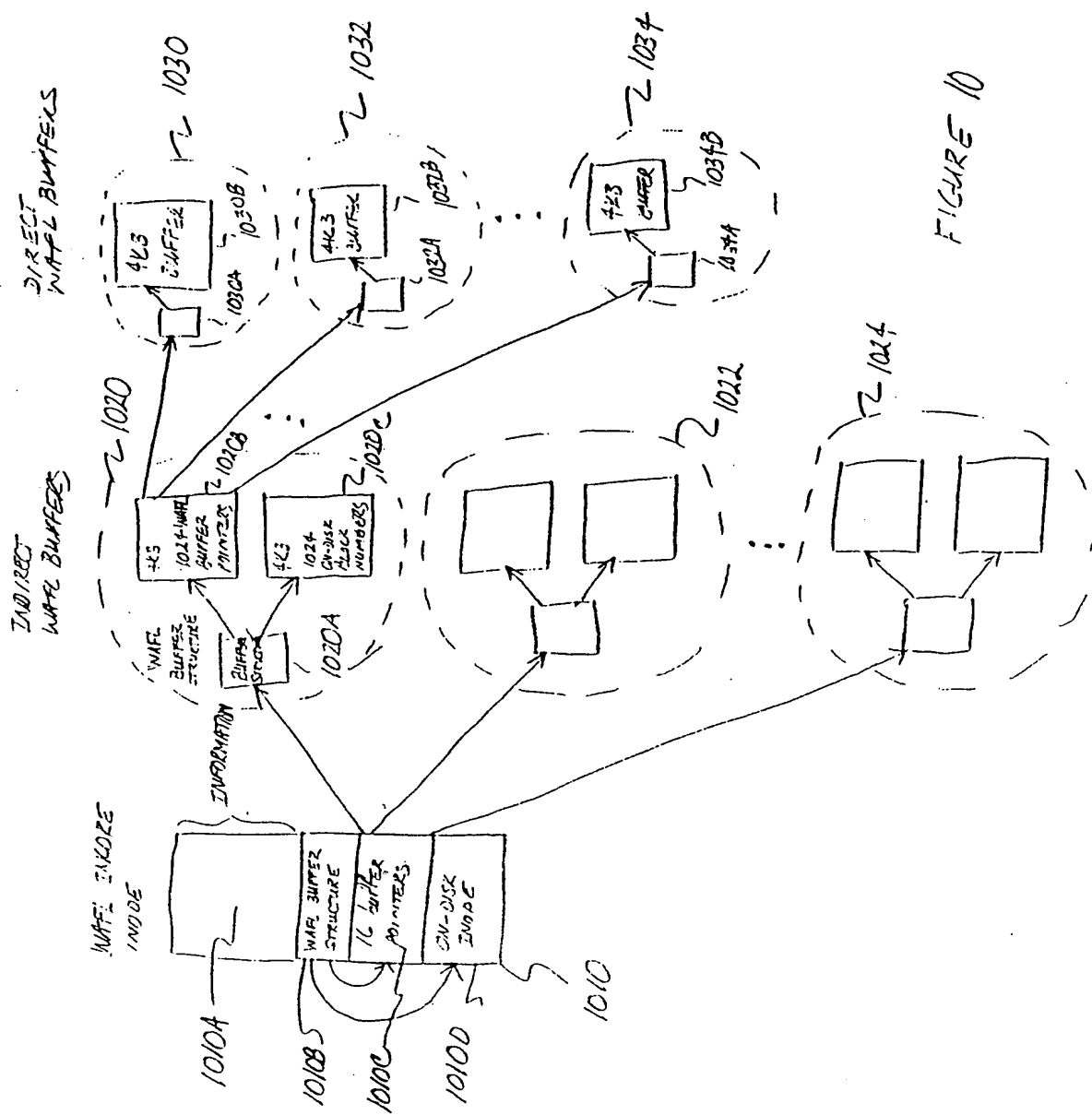


FIGURE 10

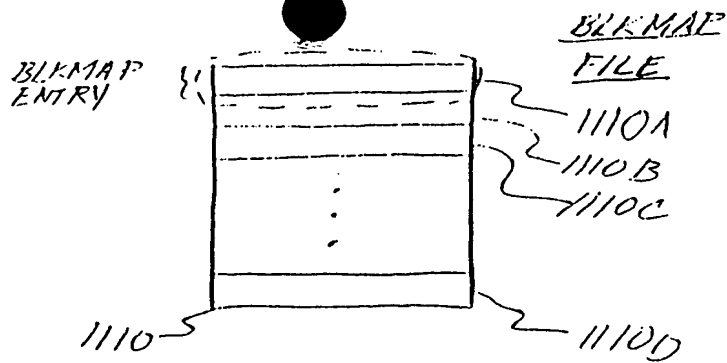


FIGURE 11A

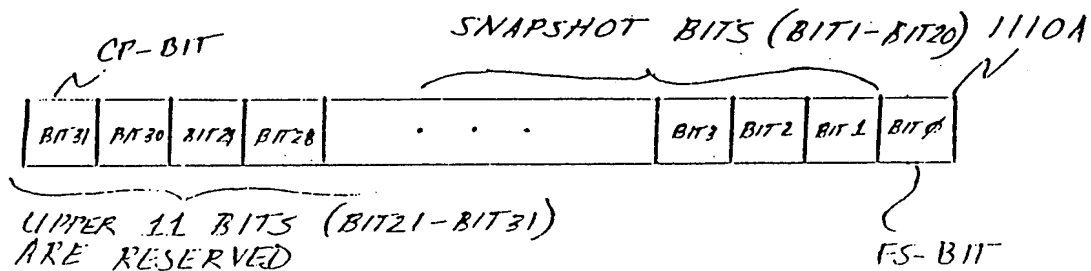


FIGURE 11B

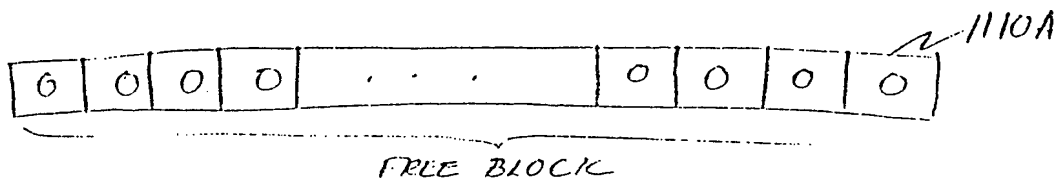


FIGURE 11C

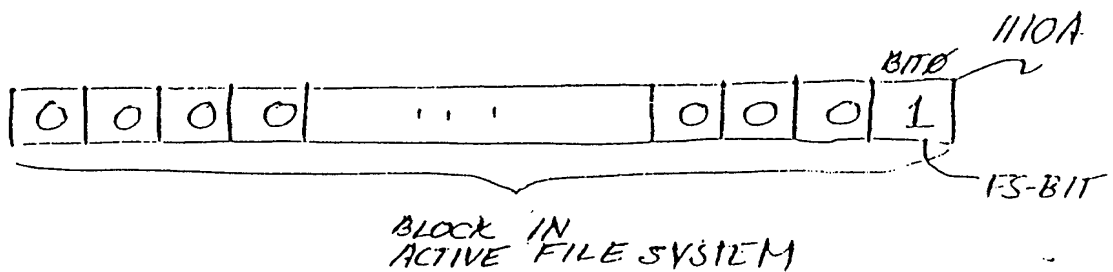
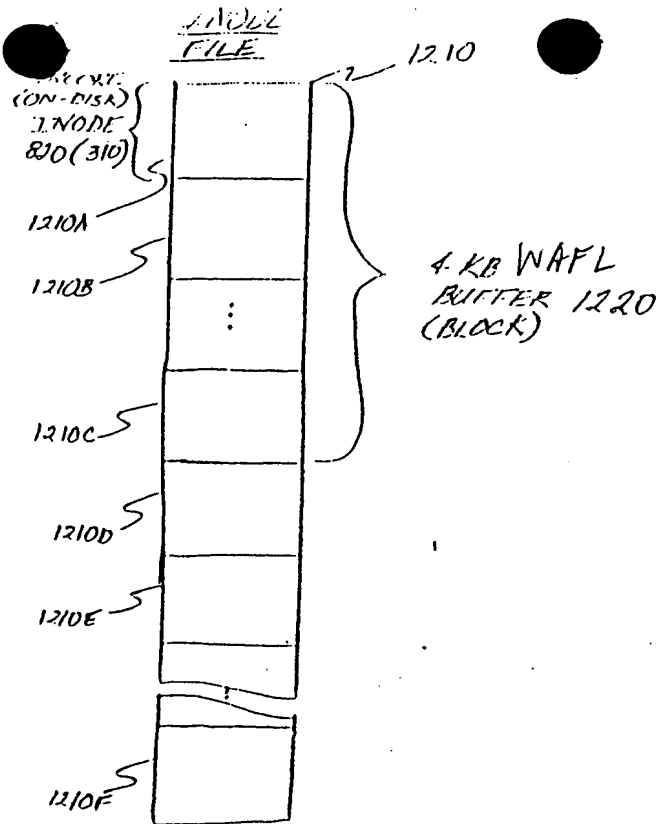


FIGURE 11D



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FIGURE 12

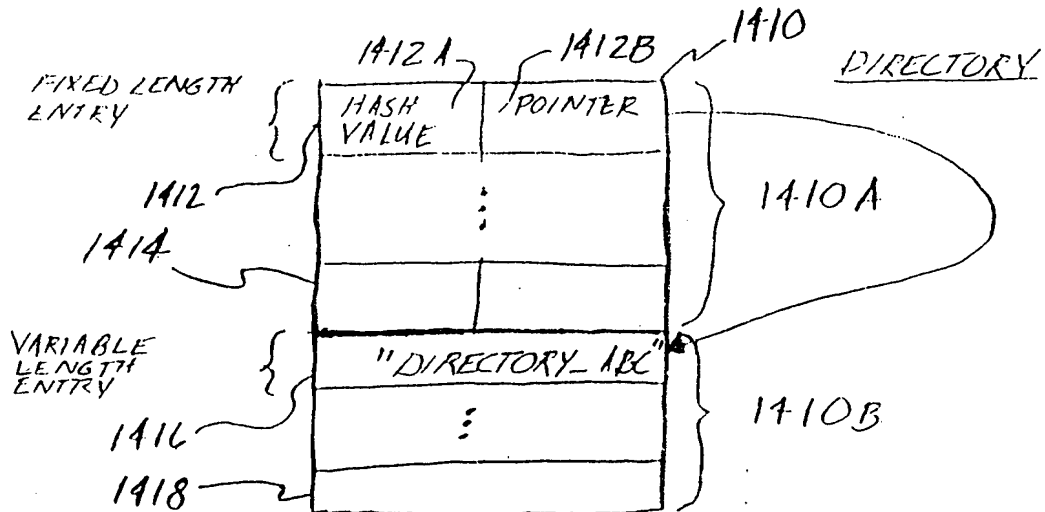


FIGURE 14

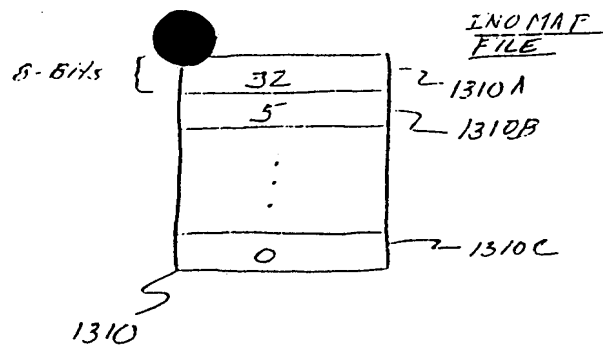


FIGURE 13 A

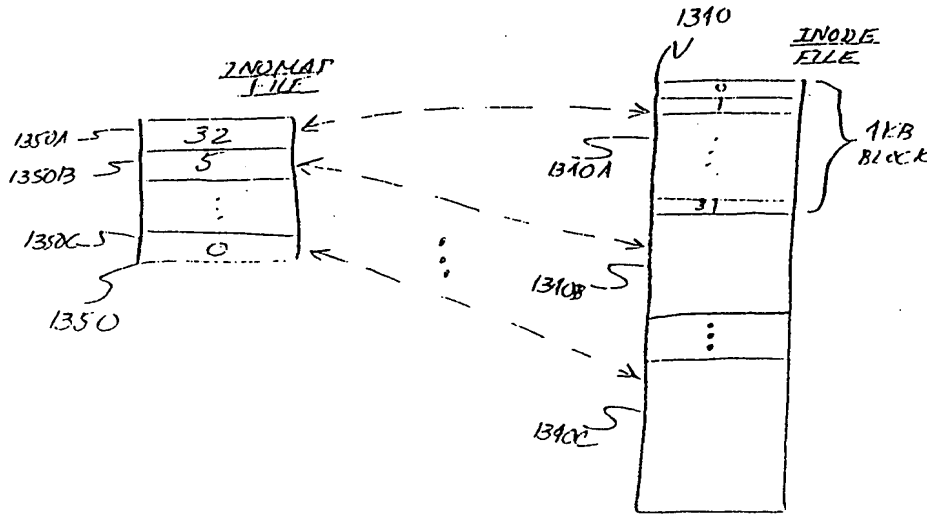


FIGURE 13 B

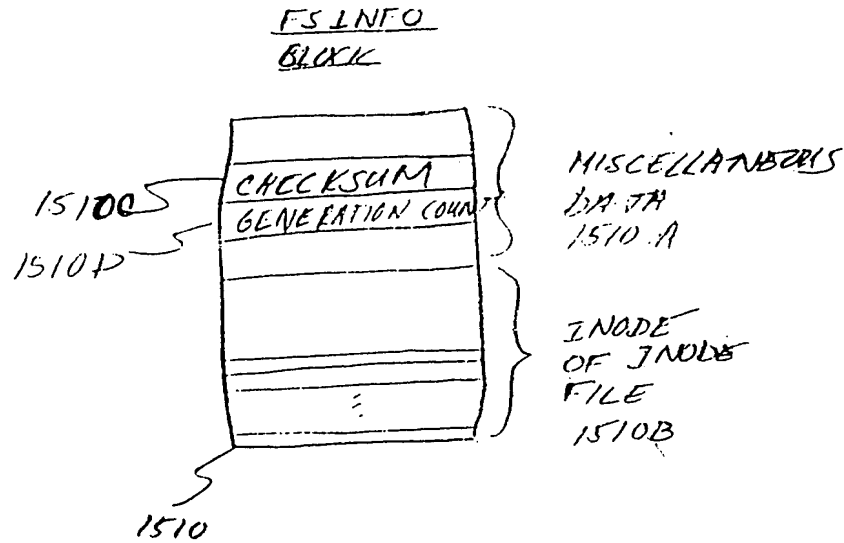


FIGURE 13

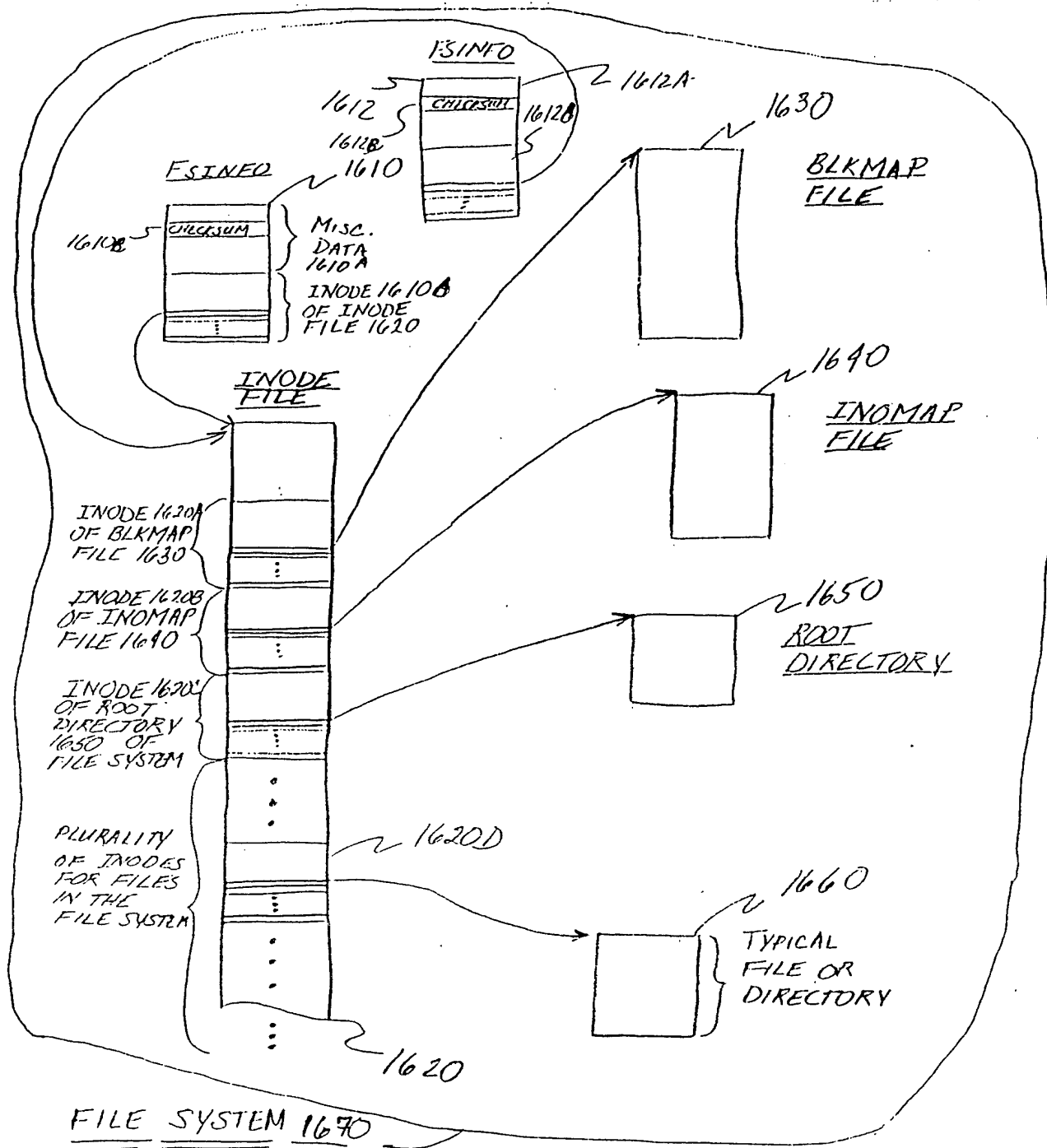


FIGURE 16

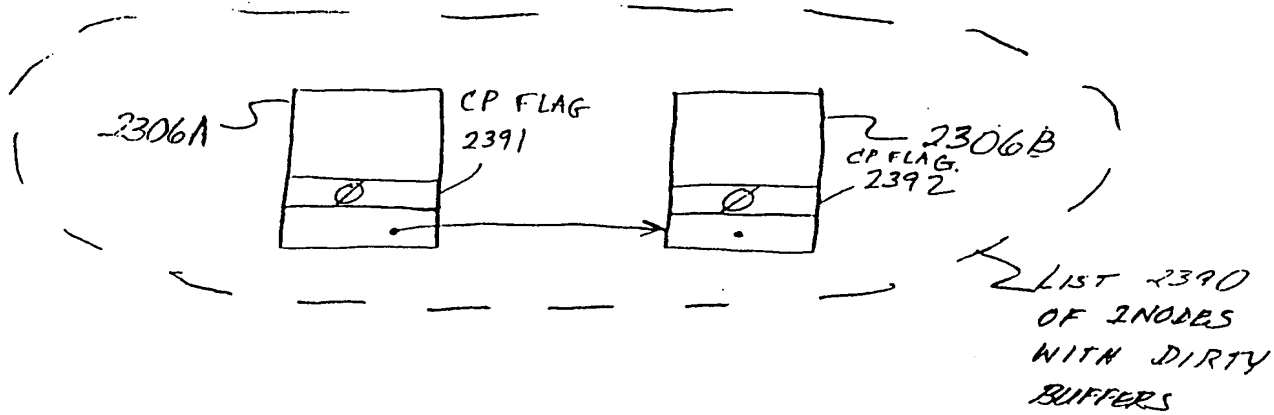


FIGURE 17A

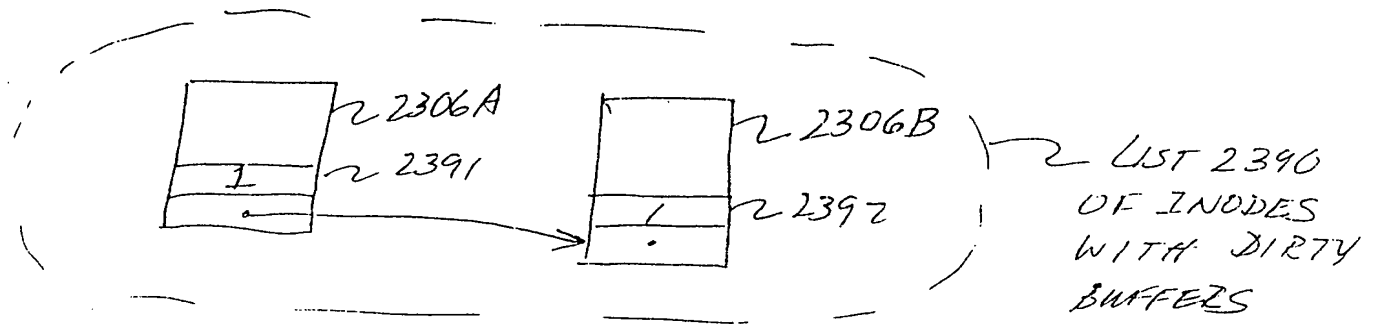


FIGURE 17I

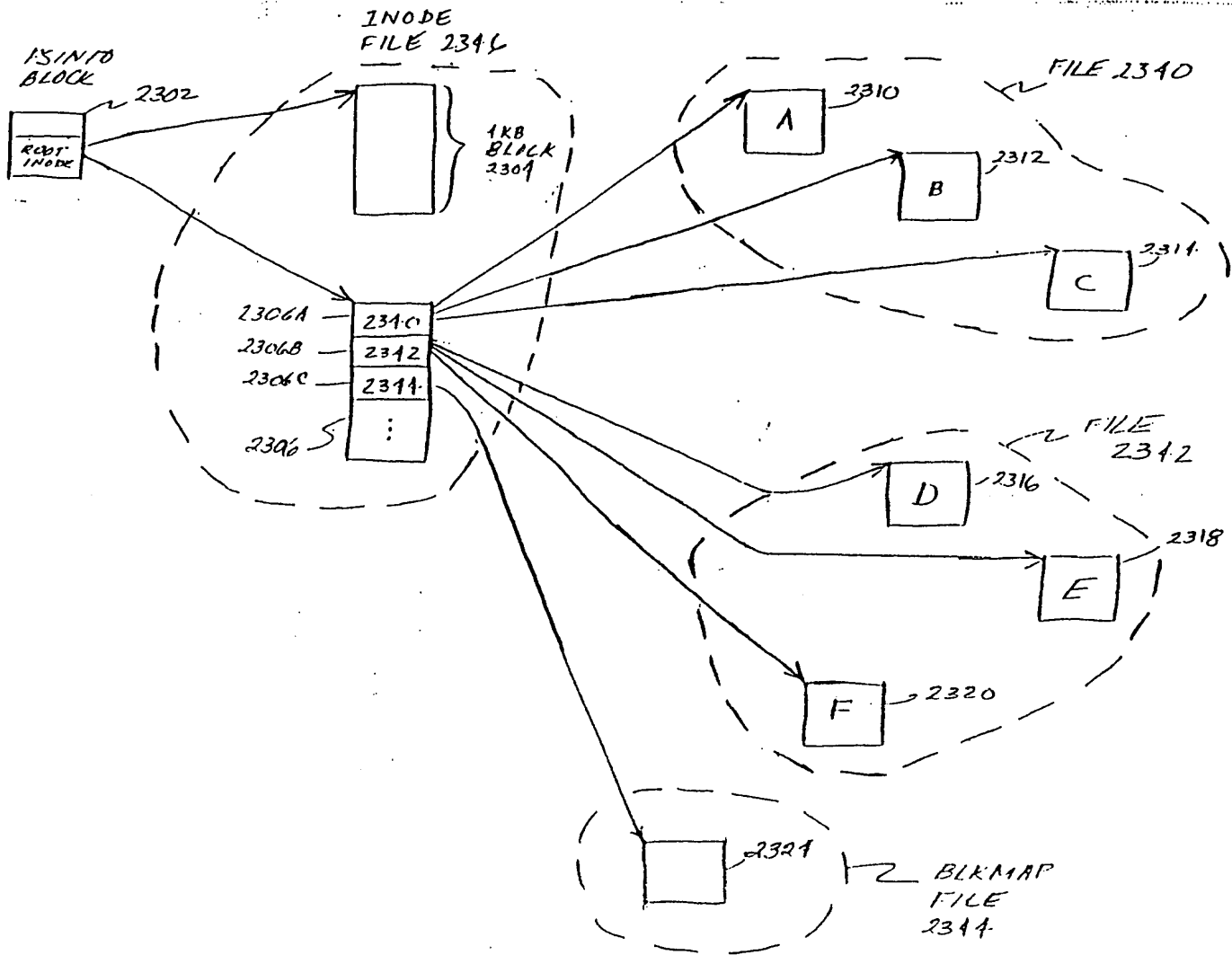


FIGURE 17B

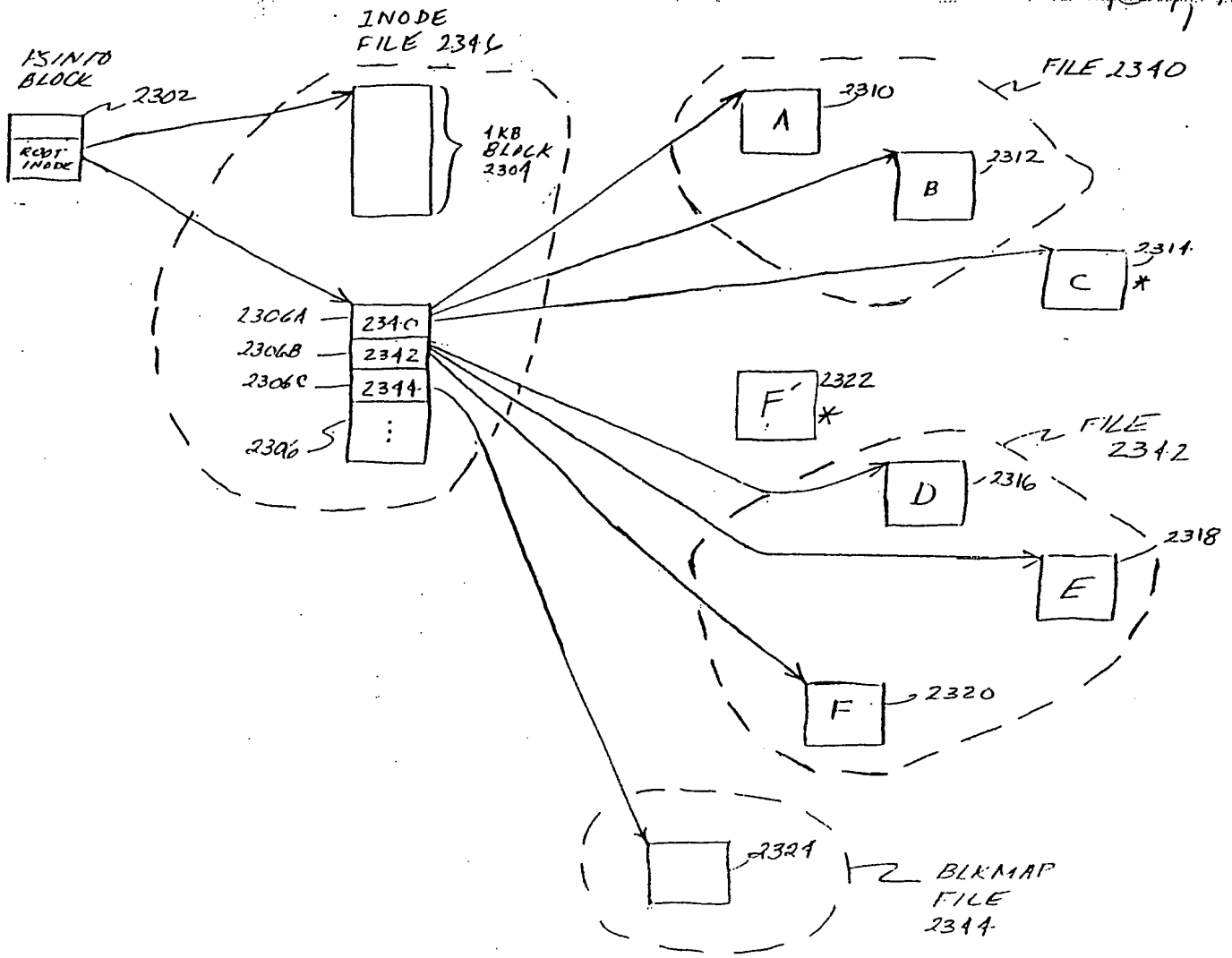


FIGURE 17C



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	BITS1 (CP-BIT)		BITS1 BITS0 (CS-BIT)	
2304	1	...	1 1	2-2324-A
2306	1	...	1 1	2-2324-B
2308	0	...	0 0	2-2324-C
2310	1	...	1 1	2-2324-D
2312	1	...	1 1	2-2324-E
2314	1	...	1 0	2-2324-F
2316	1	...	1 1	2-2324-G
2318	1	...	1 1	2-2324-H
2320	1	...	1 1	2-2324-I
2322	0	...	0 0	2-2324-J
2324	1	...	1 1	2-2324-K
2326	0	...	0 0	2-2324-L
2328	0	...	0 0	2-2324-M
		⋮		

4KB  
BLOCK  
2324

FIGURE 17D

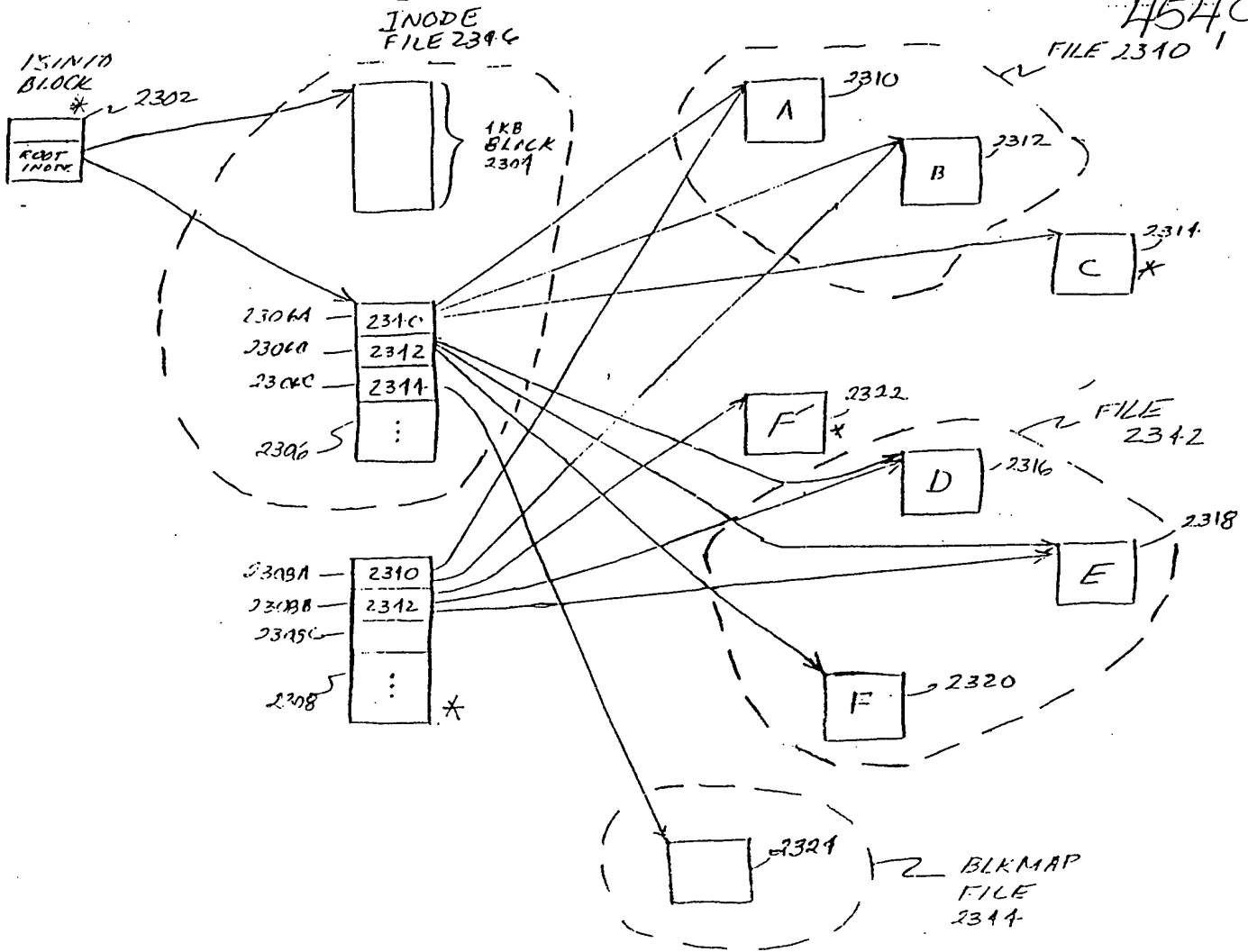


FIGURE 17E





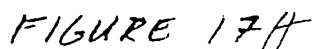


FIGURE 17H

	BITS (1-81)			BITS (13-81)	
BLOCK # 2304	1	...	1	1	52326A
2306	0	...	1	0	52326B
2308	1	...	0	1	52326C
2310	1	...	1	1	52326D
2312	1	...	1	1	52326E
2314	0	...	1	0	52326F
2316	1	...	1	1	52326G
2318	1	...	1	1	52326H
2320	0	...	1	0	52326I
2322	1	...	0	1	52326J
2324	0	...	1	0	52326K
2326	1	...	0	1	52326L
2328		...			
		...			

41B  
BLOCK  
2326

FIGURE 17 J

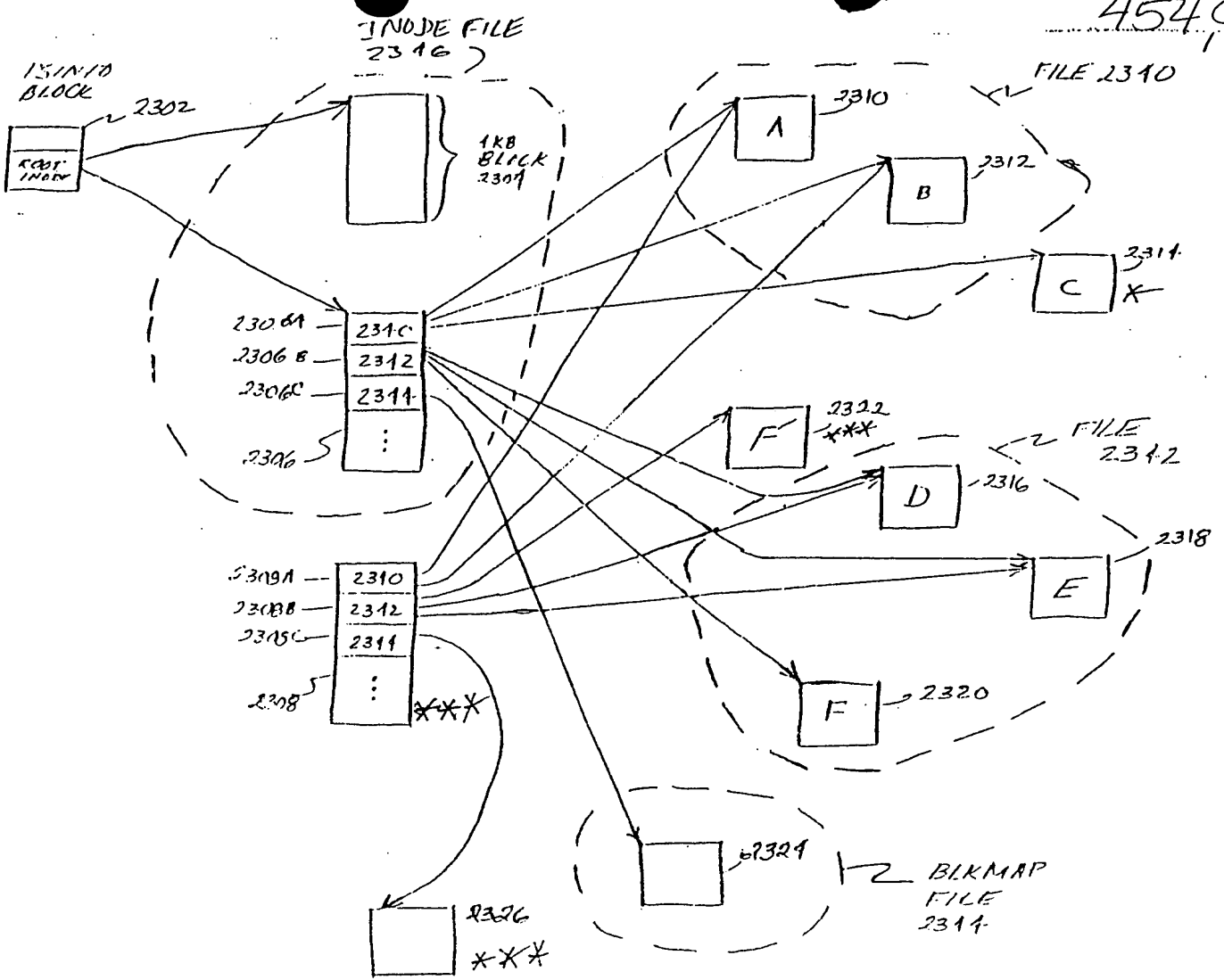


FIGURE 17\*

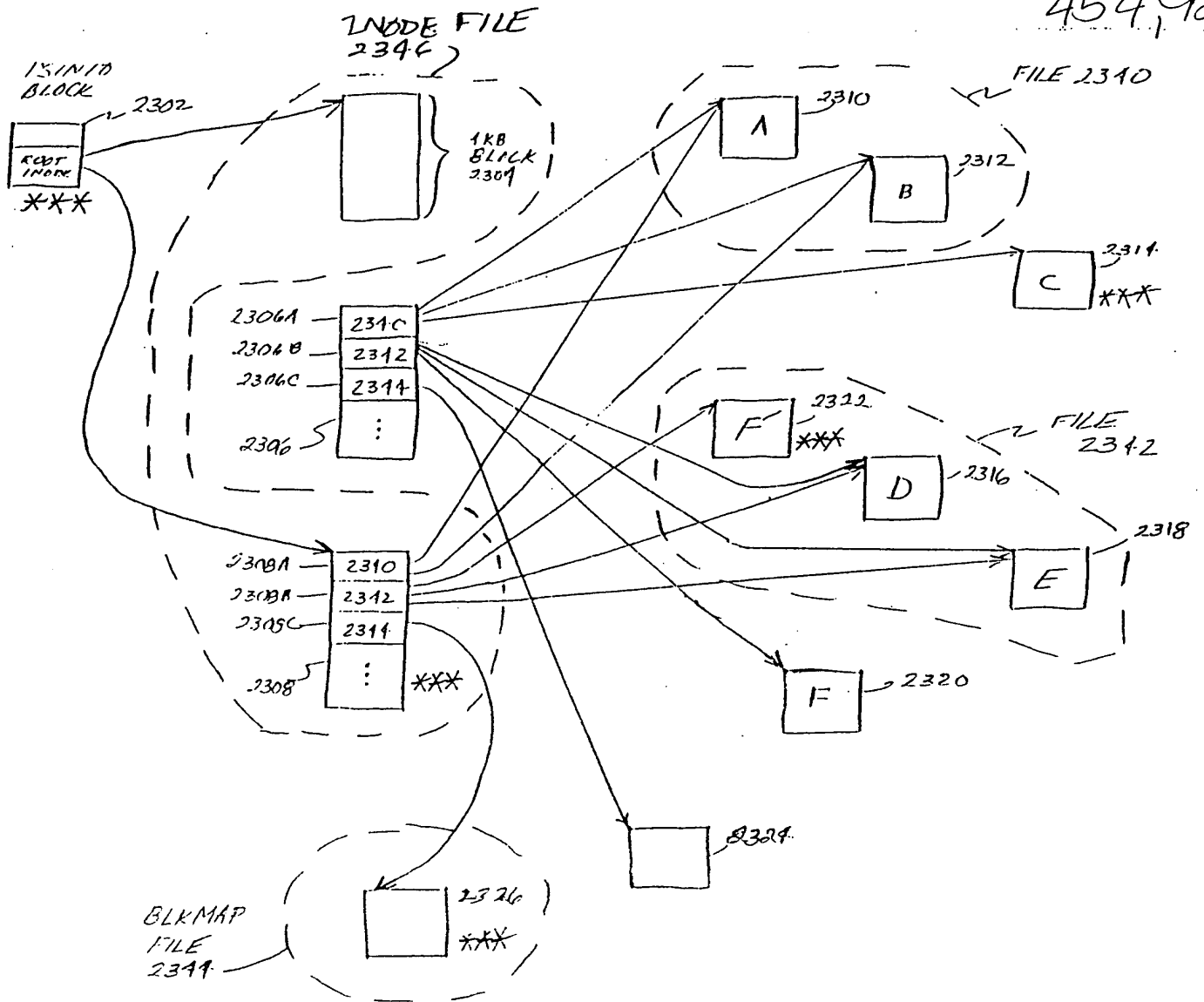
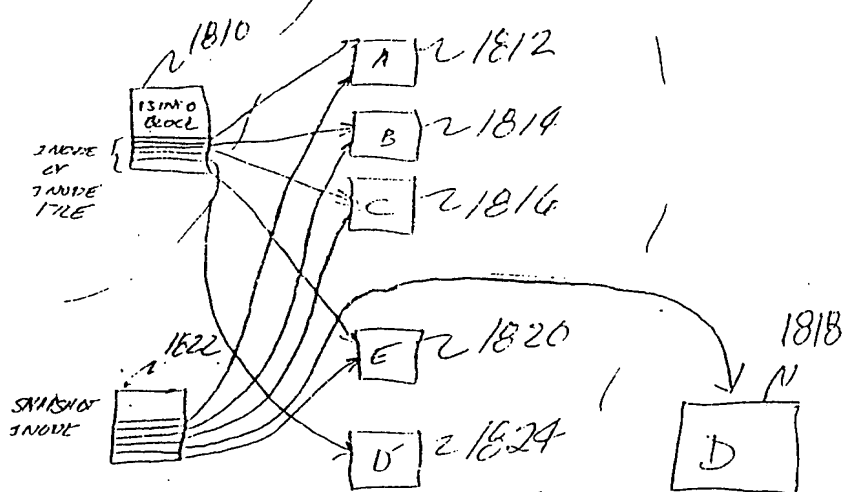
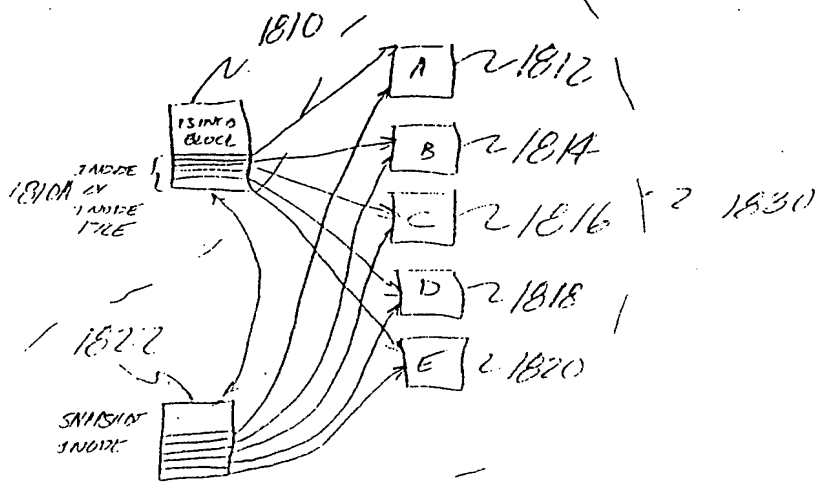
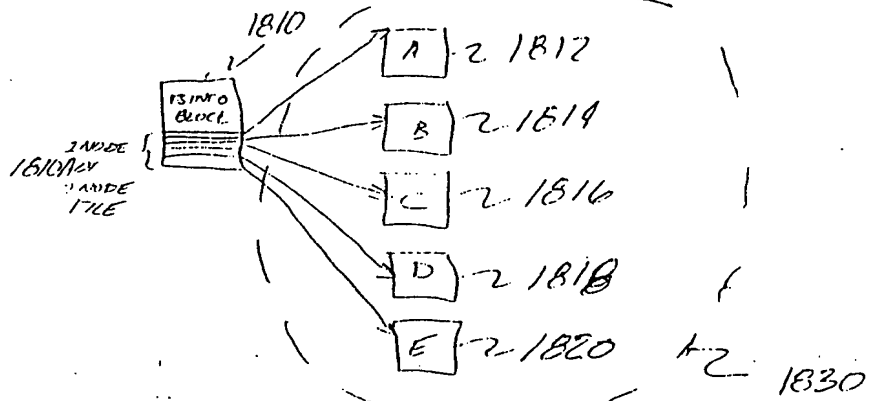


FIGURE 17L





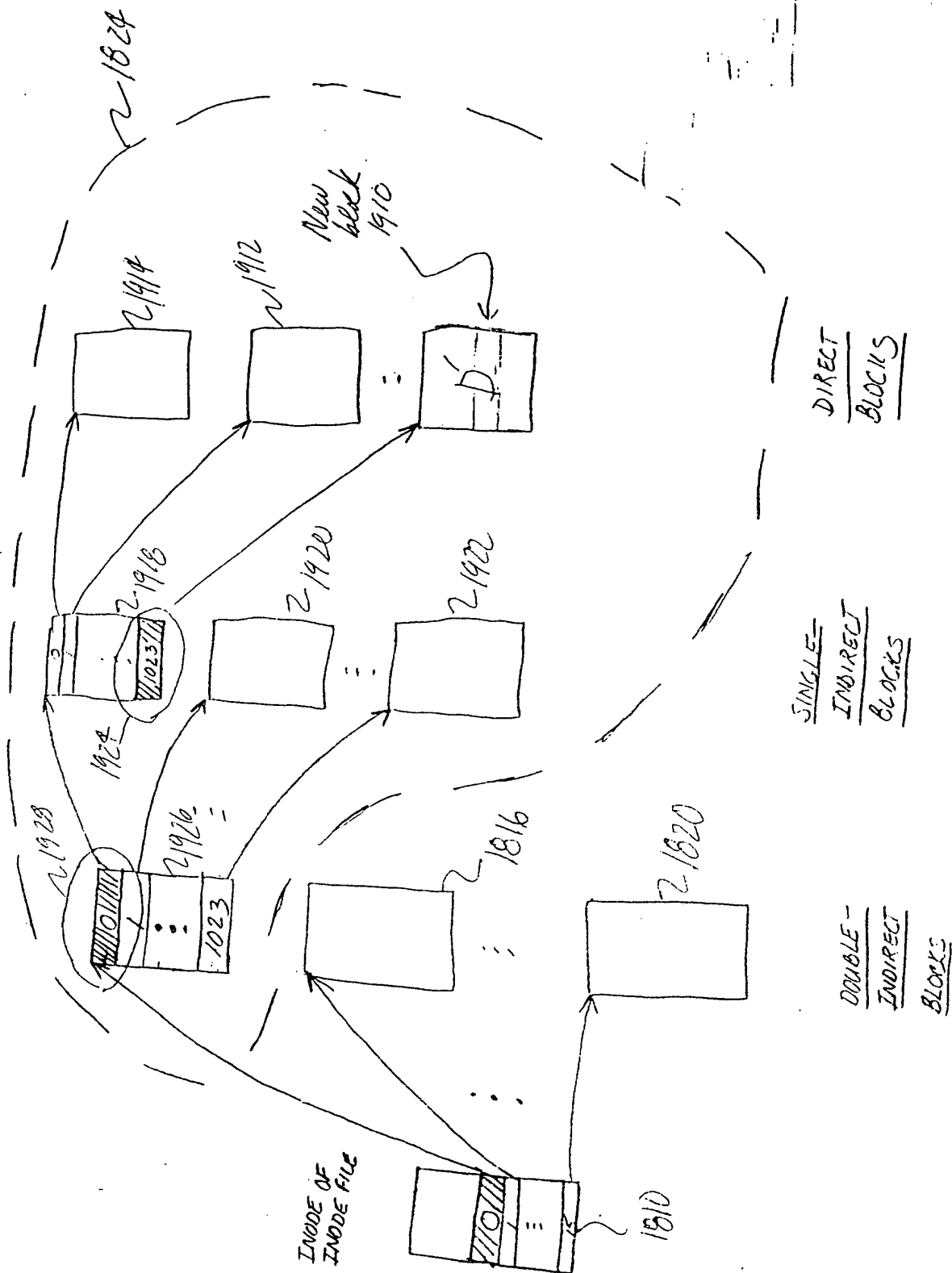


FIGURE 19

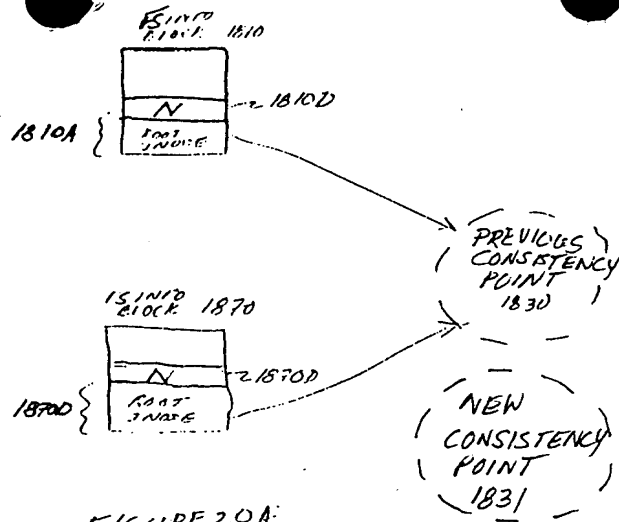


FIGURE 20A

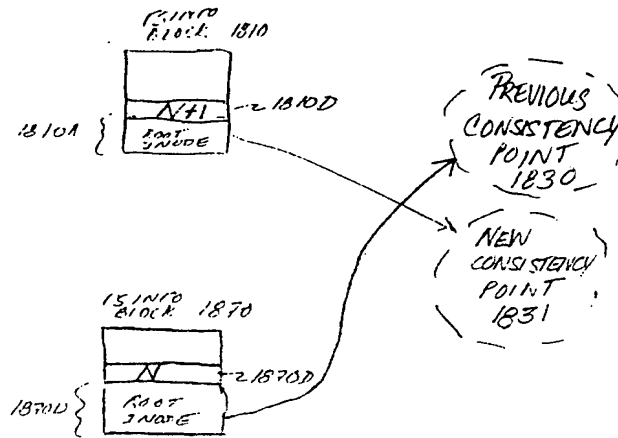


FIGURE 20B

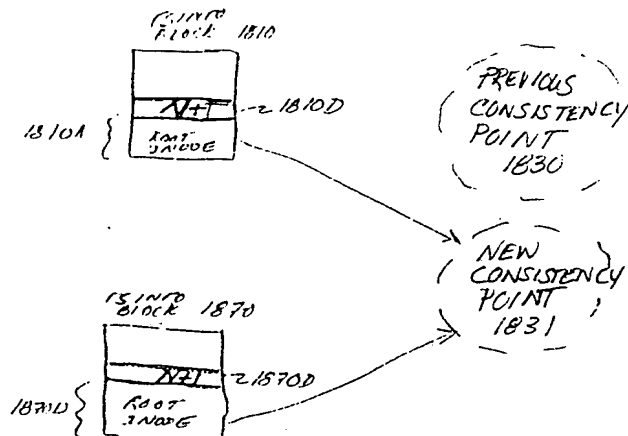


FIGURE 20C

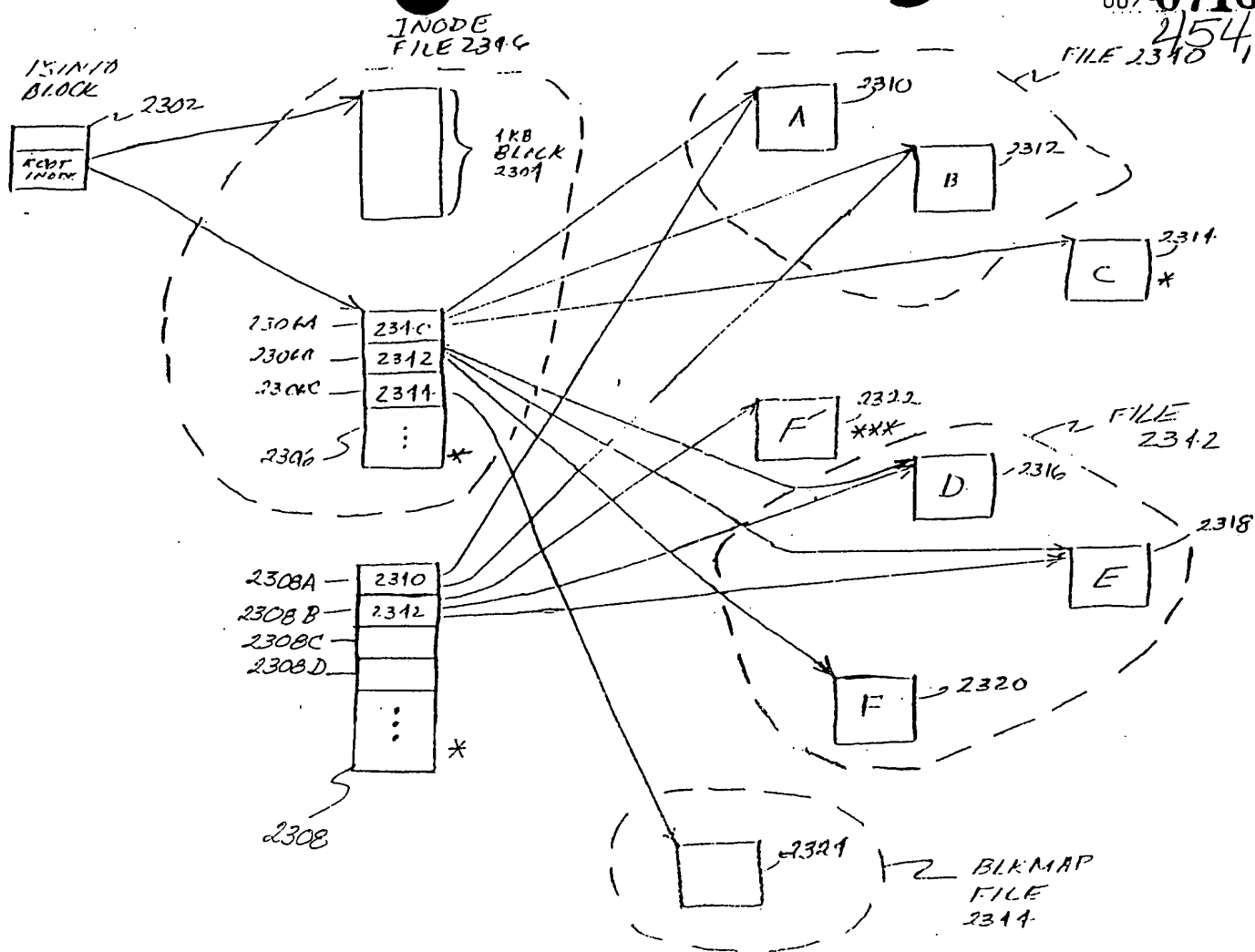


FIGURE 21A

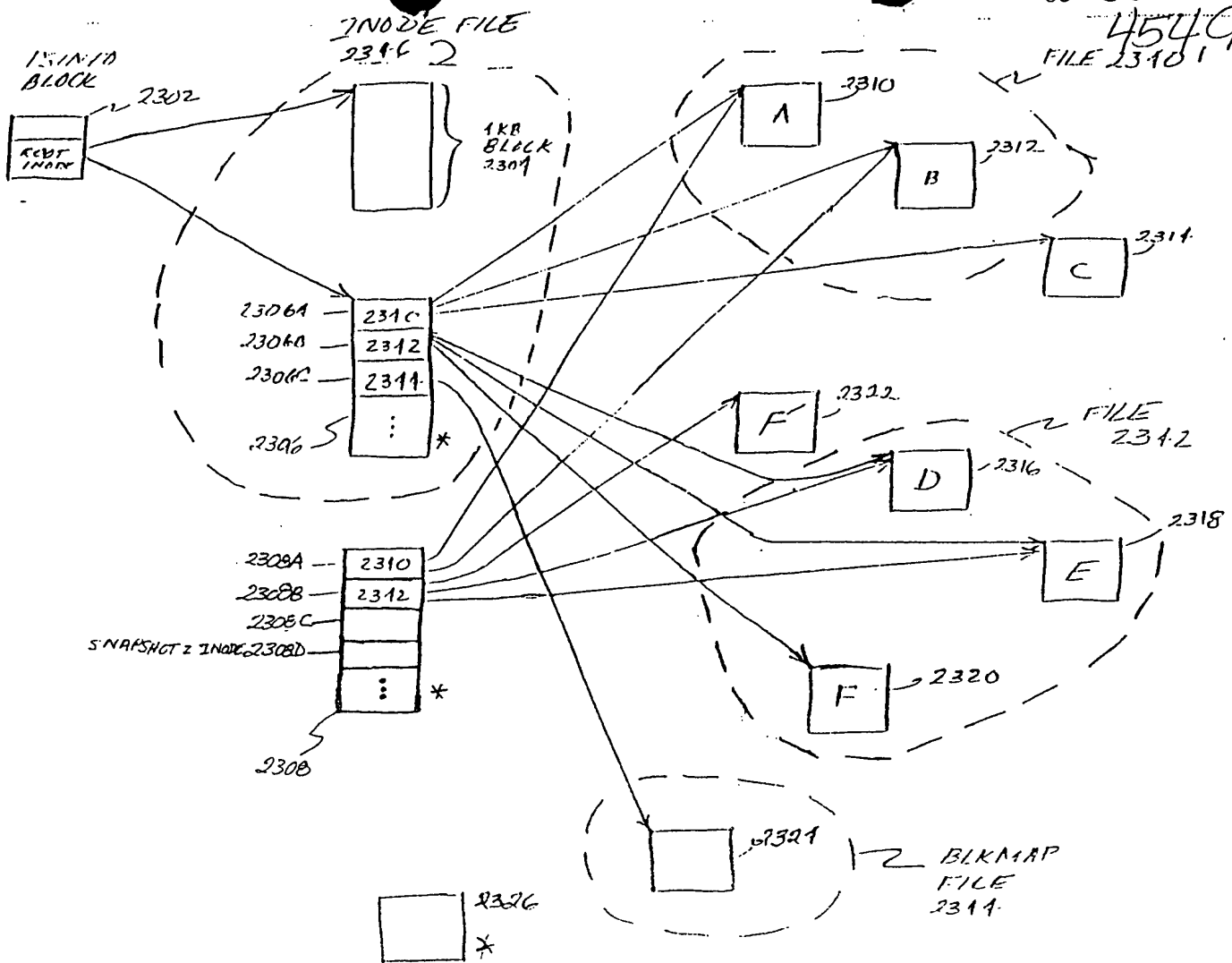


FIGURE 21B

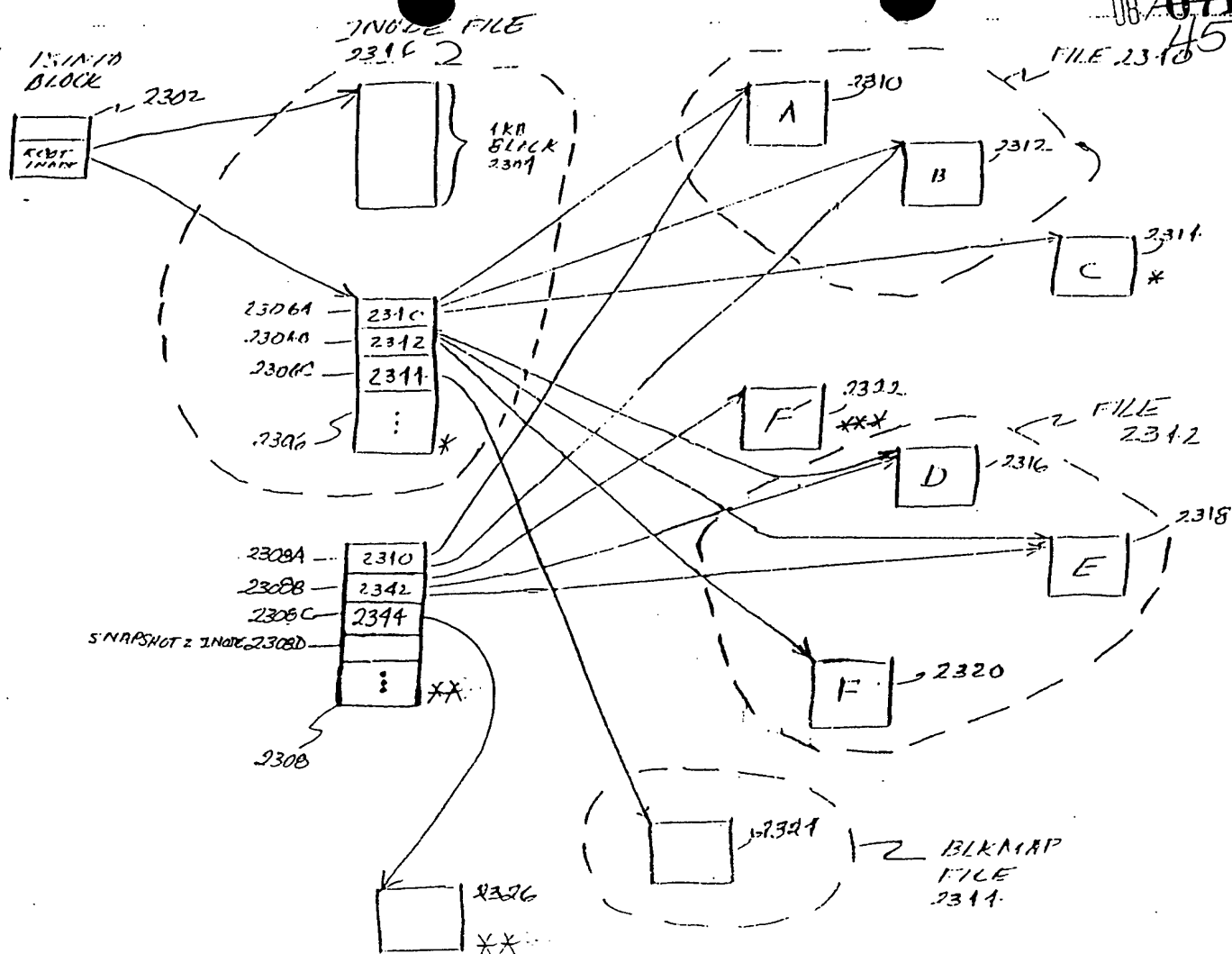


FIGURE 21C

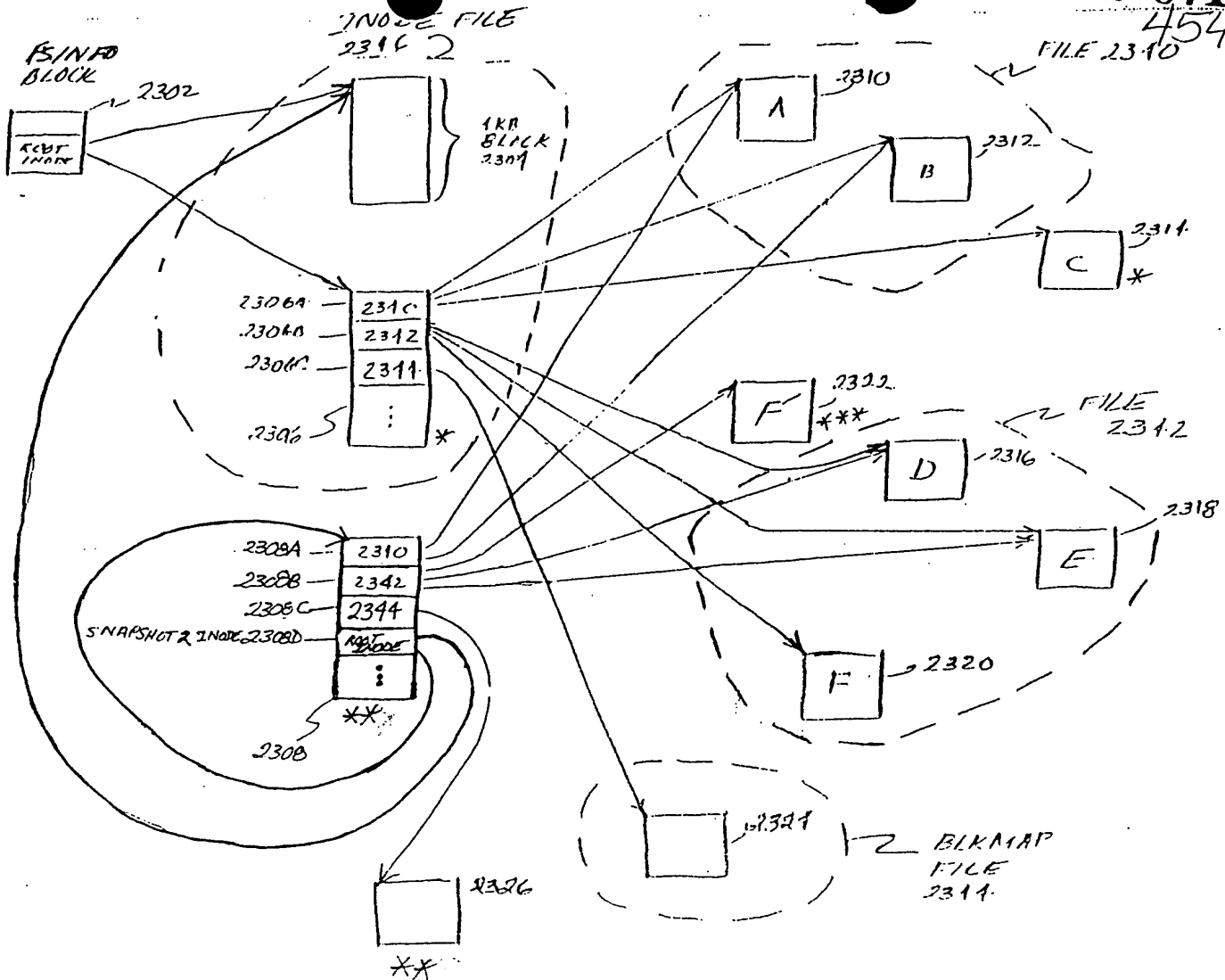


FIGURE 2/D

# SNAPSHOT 2 BIT

BLOCK #		BIT 31 (CF-BIT)				BIT 2 BIT 1 BIT 0 (13-BIT)			
2304	↔	1	...			1	1	1	5-2326A
2306	↔	0	...			0	1	0	5-2326B
2308	↔	1	...			1	0	1	5-2326C
2310	↔	1	...			1	1	1	5-2326D
2312	↔	1	...			1	1	1	5-2326E
2314	↔	0	...			0	1	0	5-2326F
2316	↔	1	...			1	1	1	5-2326G
2318	↔	1	...			1	1	1	5-2326H
2320	↔	0	...			0	1	0	5-2326I
2322	↔	1	...			1	0	1	5-2326J
2324	↔	0	...			0	1	0	5-2326K
2326	↔	1	...			1	0	1	5-2326L
2328	↔		...						
			⋮						

4KB  
BLOCK  
2326

FIGURE 21 E





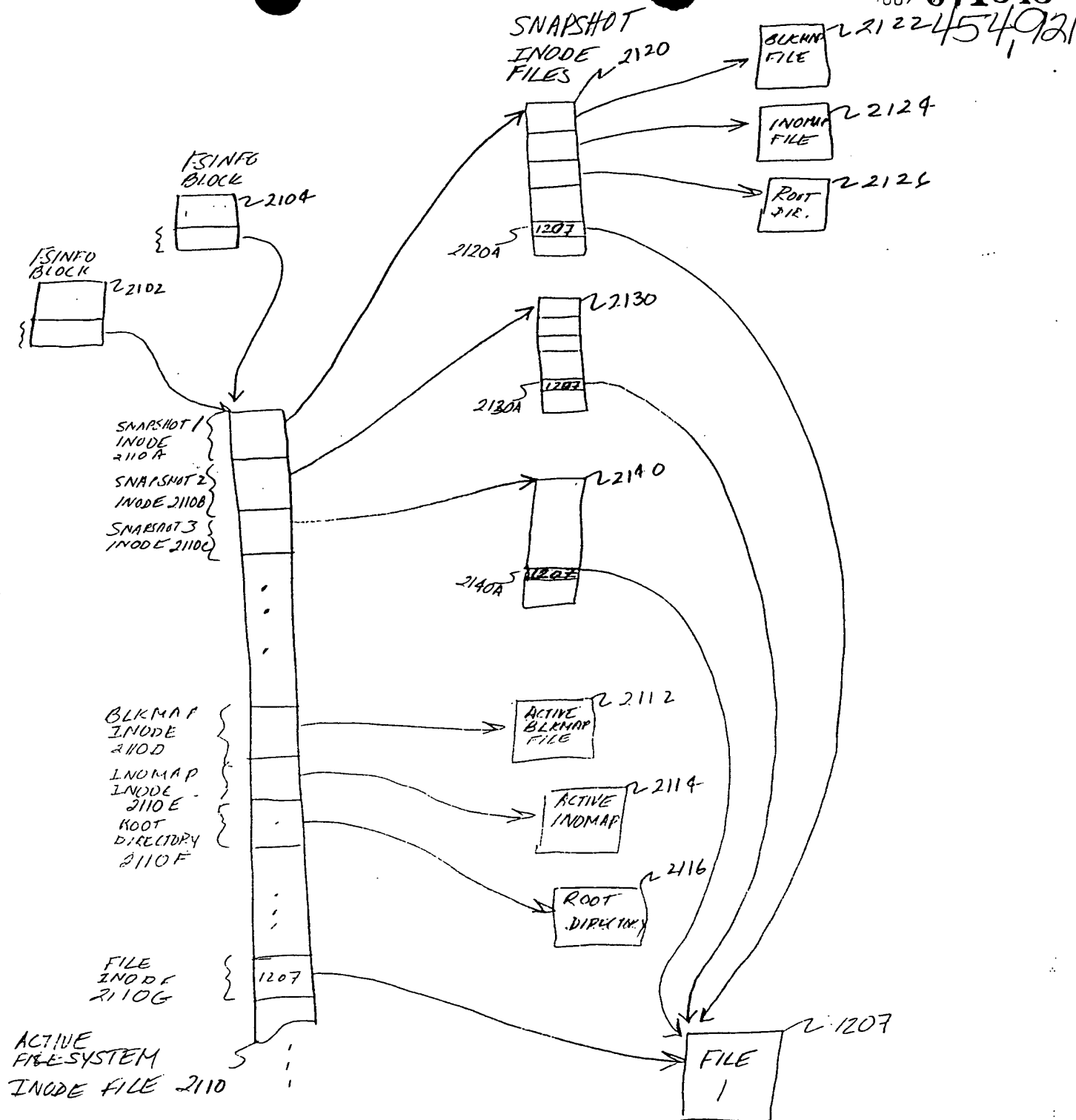


FIGURE 22

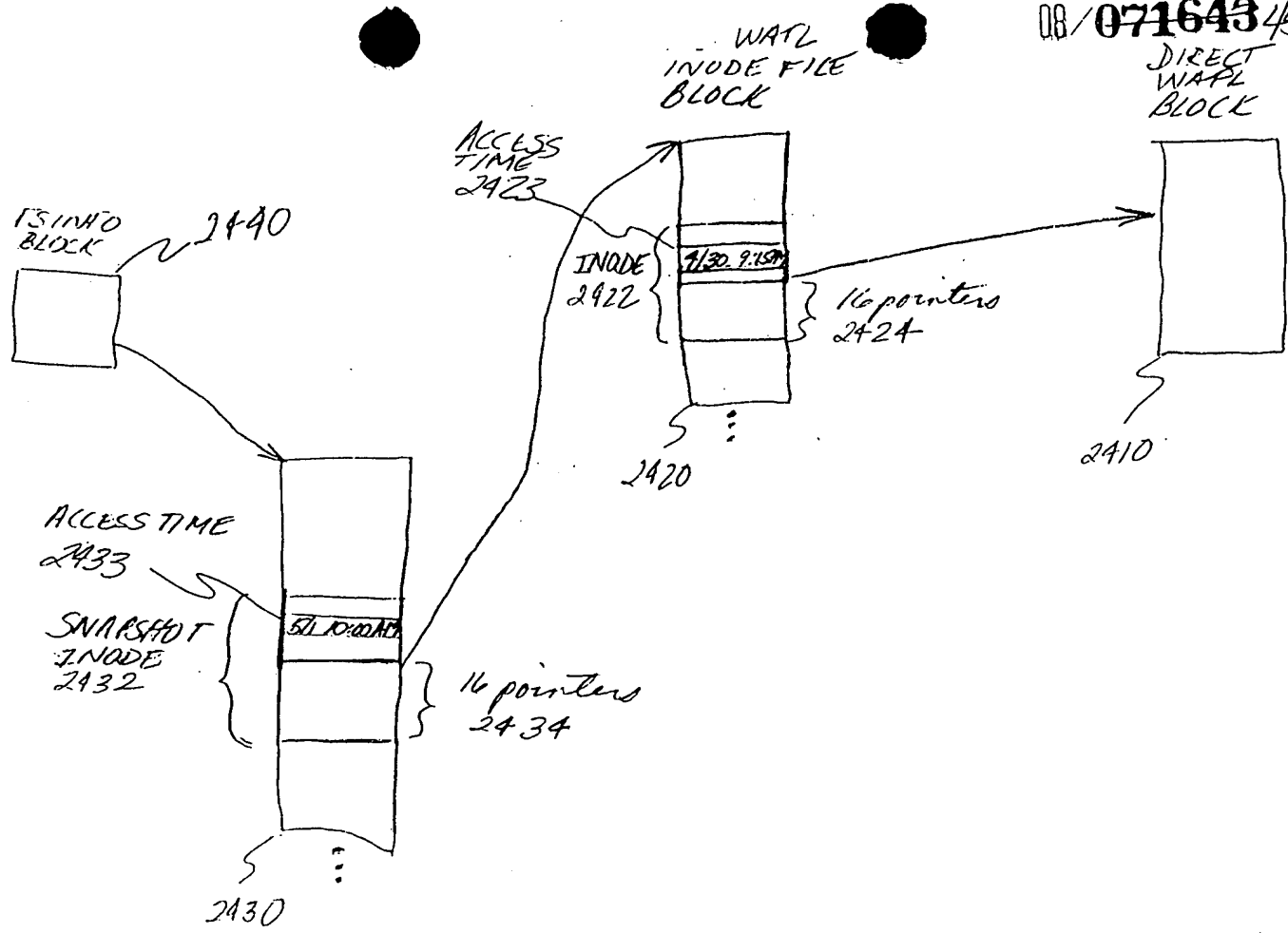


FIGURE 23A

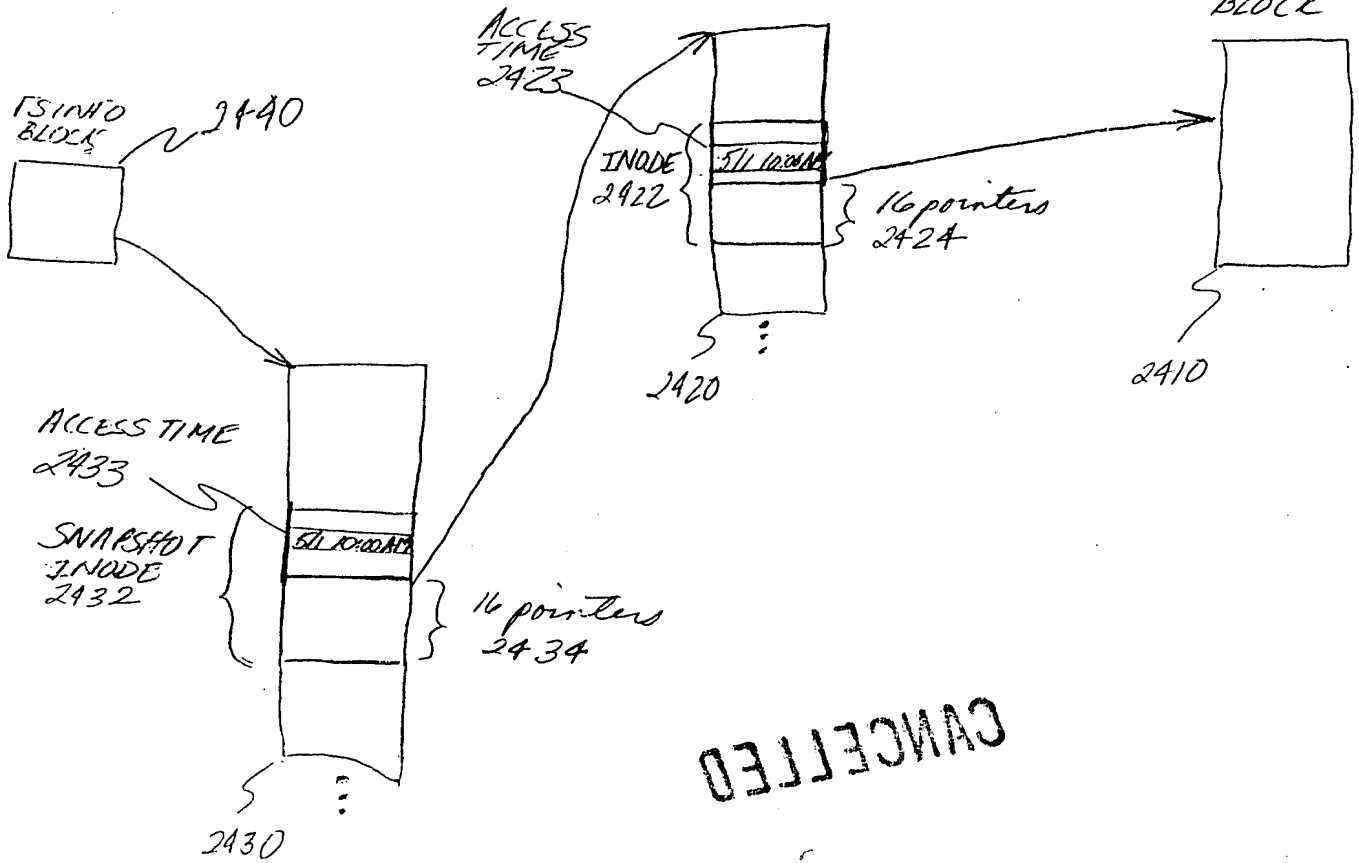


FIGURE 23 B